

INFORMATION REPORT

COUNTRY Germany (Russian Zone) **CONFIDENTIAL**
 SUBJECT Development Program at Oberspreewerk
 For June 1948; Characteristics of T.S. 41
 Impulse Triode
 PLACE ACQUIRED [REDACTED] 25X1A
 DATE OF INFO [REDACTED]

DATE DISTR. 17 August 1948

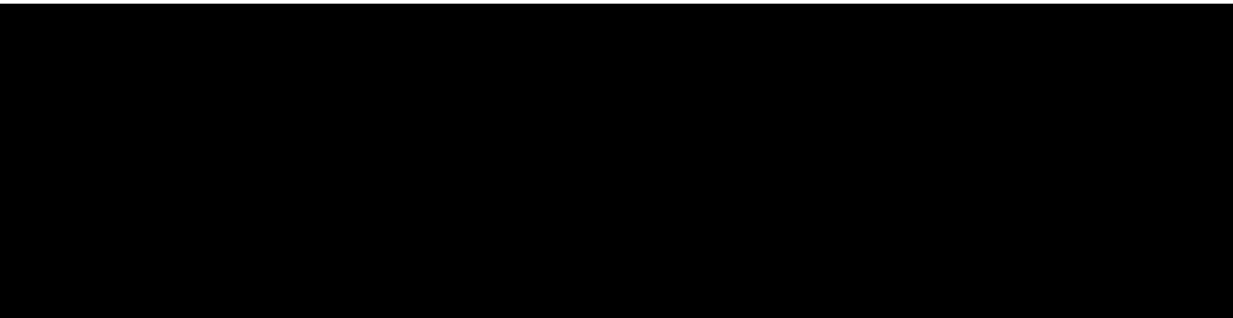
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SUPPLEMENT TO
 REPORT NO. [REDACTED]

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25X1X 1. The delivery and manufacturing program for the experimental works for June 1948 is as follows:

Amplifier and Transmitter Tubes

OSW 2568 (20 cm.) 20 pieces for Plan #34, starting from 20 June 1948

OSW 2540 (6 cm.) 20 "Aufbauten"

OSW 2585 (8-slot magnetron) 5 "Aufbauten" Model A, manufacture to begin 15 June 1948

OSW 2021 (5 D 21) 25 "Aufbauten"

OSW 2584 (Diode 10 cm.) 6 "Aufbauten" for cathode tests

OSW 1200/2 Balance of 20 "Aufbauten" and spare parts left from May

OSW 2013 (723 A/B) 30 pieces. The percentage of good tubes is higher than formerly because of reduction in the number of pieces produced.

OSW 2092 150 "Aufbauten" 50 pieces

OSW 2432 (LG 11) 20 "Aufbauten" 20 pieces

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 NO CHANGE in Class. ☐
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Image Tubes

OSW 2067	10 "Aufbauten"	2 pieces
OSW 2541 (10")	15 "Aufbauten"	5 pieces
OSW 2569 (5")	20 "Aufbauten"	
OSW 2390 (9")		90 pieces
OSW 2391 (12")		22 pieces
OSW 2068 b	25 "Aufbauten"	10 pieces
OSW 2068 a		2 pieces
OSW 2068 an		2 pieces
OSW 2205	15 "Aufbauten"	
OSW 2066	8 "Aufbauten"	
OSW 2586 (7")	100 "Aufbauten"	

Discharge Tubes

OSW 2452	15 "Aufbauten"	
OSW 2525	10 "Aufbauten"	
OSW 2544	5 "Aufbauten"	
OSW 2575	10 "Aufbauten"	
OSW 2435	10 "Aufbauten"	
OSW 2460	10 "Aufbauten"	
OSW 2564	10 "Aufbauten"	
OSW 2523		60 pieces
OSW 2524		10 pieces
OSW 2499		40 pieces
HJE 50		7 pieces
OSW 2498	Experimental work	

Spectroscopic Tubes

OSW 2530	10 "Aufbauten"	7 pieces
OSW 2531	10 "Aufbauten"	
OSW 2532	10 "Aufbauten"	
OSW 2533		20 pieces
OSW 2533 (sic)		1 piece
OSW 2528		25 pieces
OSW 2534		20 pieces

Stabilizer and Rectifier Tubes

OSW 2447 (125 V)	50 "Aufbauten"
OSW 2450 (150 V)	50 "Aufbauten"
OSW 2549	25 "Aufbauten"

2. The delivery program for the factory for June 1948 is as follows:

Amplifier Tubes

OSW 2190	5,500 pieces	
OSW 2192	2,000 pieces	Including a balance of 300 pieces
OSW 2600 (manufactured from OSW 2190)	150 pieces	
OSW 2601 (manufactured from OSW 2192)	50 pieces	

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Metal Ceramic Tubes

OSW 2166	50 pieces	
OSW 2004	160 pieces	Including a balance of 10 pieces

Measuring Tubes

OSW 2182	50 pieces	(Including a balance of 20 pieces)
OSW 2183	75 pieces	

Stabilizer Tubes

STV 150/20	80 pieces	
STV 280/40	200 pieces	
STV 280/80	55 pieces	
STV 280/40z	20 pieces	From parts in stock

Rectifier Tubes

N 190/10	20 pieces	
N 280/20	20 pieces	Production of balance of previous month
N 280/40	15 pieces	
S 7,5/0, 6	20 pieces	
S 0,35/0, 6d	5 pieces	
OSW 2032	5 pieces	
S 1/0,2 IIa	30 pieces	Production of balance of previous month

X-Ray Tubes and Valves

V 120/800 pb	20 pieces
V 120/801 t5k	130 pieces

Sundry "Pulverrochrensicherungen"

1,000 pieces

2. The characteristics of the TS 41 Impulse Triode are given below:

Tungsten-thorium directly heated cathode.

$U_g = 10.5 \text{ V}$	c_g/k	Approximately 7 micro F
I_f approximately 11.8 A	c_a/k	Approximately 1.6 micro F
$U_a \text{ max} = 8 \text{ kV}$	c_g/a	Approximately 15 micro F
$P_d \text{ max} = 200 \text{ W}$		
S approximately 6 mA/V	$\lambda \text{ min}$	Approximately 2.4 m
$D = 8.5 \dots 12\%$	P	Approximately 8 kW
J_o approximately 6 A	$T = 1:1,000$	

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